		T
FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE	FILING DATE: June 22,2001	
STATEMENT BY APPLICANTE	APPLICANT: Weiner et al.	
Sheet 1 of 8 SEP 2 4 2001	GROUP ART UNIT: 1645	EXAMINER: unknown

SU.S. PATENT DOCUMENTS

A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17 A18	Number 3,854,480 3,906,092 4,452,775 4,469,863 4,675,189 5,023,243 5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354	Kind Code	Name of Patentee or Applicant of Cited Document Zaffaroni Hilleman et al. Kent Ts'o et al. Kent et al. Tullis Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al. Stec et al.	Date of Publication or of issue of Cited Document MM-DD-YYYY 12-17-1974 09-16-1975 06-05-1984 09-04-1984 06-23-1987 06-11-1991 12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995 04-09-1996
A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	3,906,092 4,452,775 4,469,863 4,675,189 5,023,243 5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Hilleman et al. Kent Ts'o et al. Kent et al. Tullis Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	09-16-1975 06-05-1984 09-04-1984 06-23-1987 06-11-1991 12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	4,452,775 4,469,863 4,675,189 5,023,243 5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Kent Ts'o et al. Kent et al. Tullis Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	06-05-1984 09-04-1984 06-23-1987 06-11-1991 12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	4,469,863 4,675,189 5,023,243 5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Ts'o et al. Kent et al. Tullis Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	09-04-1984 06-23-1987 06-11-1991 12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	4,675,189 5,023,243 5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Kent et al. Tullis Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	06-23-1987 06-11-1991 12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	5,023,243 5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Tullis Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	06-11-1991 12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A7 A8 A9 A10 A11 A12 A13 A14 A15 A16	5,075,109 5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Tice et al. Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	12-24-1991 07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A8 A9 A10 A11 A12 A13 A14 A15 A16 A17	5,133,974 5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Paradissis et al. Cook Draper et al. Stee et al. Patel et al. Hoke et al.	07-28-1992 05-18-1993 09-28-1993 10-25-1994 04-18-1995
A9 A10 A11 A12 A13 A14 A15 A16 A17	5,212,295 5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Cook Draper et al. Stee et al. Patel et al. Hoke et al.	05-18-1993 09-28-1993 10-25-1994 04-18-1995
A10 A11 A12 A13 A14 A15 A16 A17	5,248,670 5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Draper et al. Stee et al. Patel et al. Hoke et al.	09-28-1993 10-25-1994 04-18-1995
A11 A12 A13 A14 A15 A16 A17	5,359,052 5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Stee et al. Patel et al. Hoke et al.	10 - 25-1994 04 - 18-1995
A12 A13 A14 A15 A16 A17	5,407,686 5,506,212 5,512,668 5,521,302 5,565,354		Patel et al. Hoke et al.	04-18-1995
A13 A14 A15 A16 A17	5,506,212 5,512,668 5,521,302 5,565,354		Hoke et al.	
A14 A15 A16 A17	5,512,668 5,521,302 5,565,354			04-09-1996
A15 A16 A17	5,521,302 5,565,354		Stee et al	
A16 A17	5,565,354		Diec et al.	04-30-1996
A17			Cook	05-28-1996
			Ostberg	10-15-1996
A18	5,567,610	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Borrebaeck et al.	10-22-1996
	5,569,825		Lonberg	10-29-1996
A19	5,571,893		Baker et al.	11-05-1996
A20	5,585,479		Hoke et al.	12-17-1996
A21	5,599,797		Cook et al.	02-04-1997
A22	5,663,153		Hutcherson et al.	09-02-1997
A23	5,679,647		Carson et al.	10-21-1997
A24	5,723,335		Hutcherson et al.	03-03-1998
A25	5,736,152	1	Dunn	04-07-1998
A26	5,780,448		Davis	07-14-1998
A27	5,786,189		Locht et al.	07-28-1998
A28	5,837,856		Arnold, Jr. et al.	11-17-1998
A29	5,849,719		Carson et al.	12-15-1998
A30	5,856,465		Stec et al.	01-05-1999
A31	5,883,237		Stec et al.	03-16-1999
A32	6,015,886		Dale et al.	01-18-2000
A33	6,194,388	B1	Krieg et al.	02-27-2001
A34	6,207,646	B1	Krieg et al.	03-27-2001
A35	6,214,804	B1	Felgner et al.	04-10-2001
A36	6,214,806	B1	Krieg et al.	04-10-2001
A37	6,218,371	B1	Krieg et al.	04-17-2001
A38	6,239,116	B1	Krieg et al.	05-29-2001
AAAAAAA	127 128 129 130 131 132 133 134 135 136 137	327 5,786,189 328 5,837,856 329 5,849,719 330 5,856,465 331 5,883,237 332 6,015,886 333 6,194,388 34 6,207,646 35 6,214,804 36 6,214,806 37 6,218,371	327 5,786,189 328 5,837,856 329 5,849,719 330 5,856,465 331 5,883,237 332 6,015,886 333 6,194,388 34 6,207,646 35 6,214,804 36 6,214,806 37 6,218,371 B1 37 6,218,371	A27 5,786,189 Locht et al. A28 5,837,856 Arnold, Jr. et al. A29 5,849,719 Carson et al. A30 5,856,465 Stec et al. A31 5,883,237 Stec et al. A32 6,015,886 Dale et al. A33 6,194,388 B1 Krieg et al. A34 6,207,646 B1 Krieg et al. A35 6,214,804 B1 Felgner et al. A36 6,214,806 B1 Krieg et al. A37 6,218,371 B1 Krieg et al.

FOREIGN PATENT DOCUMENTS

Examiner's Cite Foreign Patent Do	eign Patent Docui	ment	Name of Patentee or Applicant of Cited	Date of Publication of	Translation		
Initials#	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
	B1	EPO	0 092 574	B1		11-02-1983	

562332.2

Jul 127/00

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE	FILING DATE: June 22,2001	
STATEMENT BY APPLICANT	APPLICANT: Weiner et al.	
Sheet 2 of SEP 2 4 2001	GROUP ART UNIT: 1645	EXAMINER: unknown

_			E			
4	B2	EPO	0 23 490	B1	09-30-1987	
	B3	EPO	0 301 758	B1	02-01-1989	
	B4	EPO	0 468 520	A2	01-29-1992	
	B5	WIPO	WO91/12811	A1	09-05-1991	
	B6	WIPO	WO92/03456	Al	03-05-1992	
	B7	WIPO	WO92/04381	A 1	03-19-1992	
	B8	WIPO	WO92/18522	Al	10-29-1992	
	B9	WIPO	WO92/21353	A1	12-10-1992	
	B10	WIPO	WO94/19945	Al	09-15-1994	
	B11	WIPO	WO95/05853	Al	03-02-1995	
	B12	WIPO	WO95/26204	Al	10-05-1995	
	B13	WIPO	WO96/02555	Al	02-01-1996	
	B14	WIPO	WO96/02560	Al	02-01-1996	
	B15	WIPO	WO96/35782	Al	11-14-1996	
	B16	WIPO	WO97/28259	Al	08-07-1997	
	B17	WIPO	WO98/14210	A 1	04-09-1998	
	B18	WIPO	WO98/16247	A 1	04-23-1998	
	B19	WIPO	WO98/18810	Al	05-07-1998	
	B20	WIPO	WO98/32462	A 1	07-30-1998	
	B21	WIPO	WO98/37919	Al	09-03-1998	
	B22	WIPO	WO98/40100	A 1	09-17-1998	
	B23	WIPO	WO98/52581	Al	11-26-1998	
	B24	WIPO	WO98/55495	A2	12-10-1998	
	B25	WIPO	WO99/51259	A2	10-14-1999	
	B26	WIPO	WO99/56755	A1	11-11-1999	
	B27	WIPO	WO99/58118	A2	11-18-1999	$\neg \neg$
	B28	WIPO	WO99/61056	A2	12-02-1999	
	B29	WIPO	WO00/06588	A1	02-10-2000	
	B30	WIPO	WO00/14217	A3	03-16-2000	
9	B31	WIPO	WO00/67023	A1	11-09-2000	
						

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
2	C1	AZAD RF et al., Antiviral activity of a phosphorothioate oligonucleotide complementary to RNA of the human cytomegalovirus major immediate-early region. <i>Antimicrob Agents Chemother</i> . 1993 Sep;37(9):1945-54.	
	C2	AZUMA I, Biochemical and immunological studies on cellular components of tubercle bacilli. Kekkaku 1992;67(9):45-55.	
	СЗ	BALLAS ZK et al., Induction of NK activity in murine and human cells by CpG motifs in oligodeoxynucleotides and bacterial DNA. <i>J Immunol</i> . 1996 Sep 1;157(5):1840-5.	
	C4	BAYEVER E et al., Systemic administration of a phosphorothioate oligonucleotide with a sequence complementary to p53 for acute myelogenous leukemia and myelodysplastic syndrome: initial results of a phase I trial. <i>Antisense Res Dev.</i> 1993 Winter;3(4):383-90.	
	C5	BEAUCAGE SL et al., Deoxynucleoside phosphoramidites – a new class of key intermediates for deoxypolynucleotide synthesis. <i>Tetrahedron Lett</i> 22:1859, 1981.	
2	C6	BENNETT RM et al., DNA binding to human leukocytes. Evidence for a receptor-mediated association, internalization, and degradation of DNA. <i>J Clin Invest</i> . 1985 Dec;76(6):2182-90.	

562332.2

28 - Herba

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE	FILING DATE: June 22,2001	
STATEMENT BY APPLICANT		
Sheet 3 of (3)	GROUP ART UNIT: 1645	EXAMINER: unknown

heet	3	of of GROUP ART UNIT: 1645 EXAMINER: unknown	
	C7	BLAXTER ML et an Elenes expressed in Brugia malayi infective third stage larvae. Mol Biochem Parasitol. 1996 Apr;77(1):77-93.	
	C8	BOGGS RT et al., Characterization and modulation of immune stimulation by modified oligonucleotides. Antisense Nucleic Acid Drug Dev. 1997 Oct;7(5):461-71.	
	C9	BRANDA RF et al., Amplification of antibody production by phosphorothioate oligodeoxynucleotides. <i>J Lab Clin Med.</i> 1996 Sep;128(3):329-38.	
	C10	BRANDA RF et al., Immune stimulation by an antisense oligomer complementary to the rev gene of HIV-1. <i>Biochem Pharmacol.</i> 1993 May 25;45(10):2037-43.	
	C11	CHACE JH et al., Regulation of differentiation in CD5+ and conventional B cells. Sensitivity to LPS-induced differentiation and interferon-gamma-mediated inhibition of differentiation. Clin	
		Immunol Immunopathol. 1993 Sep;68(3):327-32.	
	C12	CHANG YN et al., The palindromic series I repeats in the simian cytomegalovirus major immediate- early promoter behave as both strong basal enhancers and cyclic AMP response elements. <i>J Virol</i> . 1990 Jan;64(1):264-77.	
	C13	CHU RS et al., CpG oligodeoxynucleotides act as adjuvants that switch on T helper 1 (Th1) immunity. J Exp Med. 1997 Nov 17;186(10):1623-31.	
	C14	COIFFIER B et al., Rituximab (anti-CD20 monoclonal antibody) for the treatment of patients with relapsing or refractory aggressive lymphoma: a multicenter phase II study. <i>Blood</i> . 1998 Sep 15;92(6):1927-32.	
	C15	COWDERY JS et al., Bacterial DNA induces NK cells to produce IFN-gamma in vivo and increases the toxicity of lipopolysaccharides. <i>J Immunol</i> . 1996 Jun 15;156(12):4570-5.	
	C16	CRYSTAL RG, Transfer of genes to humans: early lessons and obstacles to success. <i>Science</i> . 1995 Oct 20;270(5235):404-10.	
	C17	DAVIS HL et al., CpG DNA is a potent enhancer of specific immunity in mice immunized with recombinant hepatitis B surface antigen. <i>J Immunol</i> . 1998 Jan 15;160(2):870-6.	
	C18	DECKER T et al., Immunostimulatory CpG-oligonucleotides cause proliferation, cytokine production, and an immunogenic phenotype in chronic lymphocytic leukemia B cells. <i>Blood</i> . 2000 Feb 1;95(3):999-1006.	
	C19	ENGLISCH U et al., Chemically modified oligonucleotides as probes and inhibitors. <i>Angew Chemie Int Ed Engl.</i> 1991 Jun;30(6):613-29.	10
	C20	ERB KJ et al., Infection of mice with Mycobacterium bovis-Bacillus Calmette-Guerin (BCG) suppresses allergen-induced airway eosinophilia. <i>J Exp Med.</i> 1998 Feb 16;187(4):561-9.	
	C21	ETLINGER HM, Carrier sequence selectionone key to successful vaccines. <i>Immunol Today</i> . 1992 Feb;13(2):52-5.	
	C22	FROEHLER BC et al., Synthesis of DNA via deoxynucleoside H-phosphonate intermediates. Nucleic Acids Res. 1986 Jul 11;14(13):5399-407.	
	C23	GAFFNEY BL et al., Large-scale oligonucleotide synthesis by the H-phosphonate method. Tetrahedron Lett 29:2619-22 (1988).	
	C24	GAREGG PJ et al., Nucleoside H-phosphonates. III. Chemical synthesis of oligodeoxyribonucleotides by the hydrogenphosphonate approach. <i>Tetrahedron Lett</i> 27:4051-4 (1986).	
	C25	GAREGG PJ et al., Nucleoside H-phosphonates. IV. Automated solid phase synthesis of oligoribonucleotides by the hydrogenphosphonate approach. <i>Tetrahedron Lett</i> 27:4055-8 (1986).	
4	C26	GOODCHILD J, Conjugates of oligonucleotides and modified oligonucleotides: a review of their synthesis and properties. <i>Bioconjugate Chem</i> 1:165-87 (1990).	
	C27	GURA T, Antisense has growing pains. Science. 1995 Oct 27;270(5236):575-7.	
1	C28	HADDEN JW et al., Immunopharmacology. Immunomodulation and immunotherapy. <i>JAMA</i> . 1992 Nov 25;268(20):2964-9.	

Nov 25;268(20):2964-9.

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE	FILING DATE: June 22,2001	
STATEMENT BY APPLICANT STREET & STATEMENT BY APPLICANT	APPLICANT: Weiner et al.	
Sheet 4 of	GROUP ART UNIT: 1645	EXAMINER: unknown
A DELET		· · · · · · · · · · · · · · · · · · ·

		BADEMAR	
Ti	C29	HADDEN JW, Immunostimulants. Trends Pharmacol Sci. 1993 May;14(5):169-74.	
	C30	HALPERN MD et al., Bacterial DNA induces murine interferon-gamma production by stimulation of interleukin-12 and tumor necrosis factor-alpha. Cell Immunol. 1996 Jan 10;167(1):72-8.	
	C31	HARTMANN G et al., Mechanism and function of a newly identified CpG DNA motif in human primary B cells. <i>J Immunol</i> . 2000 Jan 15;164(2):944-53.	
	C32	HARTMANN G et al., Spontaneous and cationic lipid-mediated uptake of antisense oligonucleotides in human monocytes and lymphocytes. <i>J Pharmacol Exp Ther</i> . 1998 May;285(2):920-8.	
	C33	HATZFELD J et al., Release of early human hematopoietic progenitors from quiescence by antisense transforming growth factor beta 1 or Rb oligonucleotides. <i>J Exp Med</i> . 1991 Oct 1;174(4):925-9.	
	C34	HAZENBOS WLW et al., Murine IgG1 complexes trigger immune effector functions predominantly via Fc gamma RIII (CD16). <i>J Immunol</i> . 1998 Sep 15;161(6):3026-32.	
	C35	HIGHFIELD PE, Sepsis: the more, the murkier. Biotechnology (NY). 1994 Aug;12(8):828.	
	C36	HOEFFLER JP et al., Identification of multiple nuclear factors that interact with cyclic adenosine 3',5'-monophosphate response element-binding protein and activating transcription factor-2 by protein-protein interactions. <i>Mol Endocrinol</i> . 1991 Feb;5(2):256-66.	
	C37	IGUCHI-ARIGA SM et al., CpG methylation of the cAMP-responsive enhancer/promoter sequence TGACGTCA abolishes specific factor binding as well as transcriptional activation. <i>Genes Dev.</i> 1989 May;3(5):612-9.	
	C38	ISHIKAWA R et al., IFN induction and associated changes in splenic leukocyte distribution. <i>J Immunol</i> . 1993 May 1;150(9):3713-27.	
	C39	IVERSEN PL et al., Pharmacokinetics of an antisense phosphorothioate oligodeoxynucleotide against rev from human immunodeficiency virus type 1 in the adult male rat following single injections and continuous infusion. <i>Antisense Res Dev.</i> 1994 Spring;4(1):43-52.	
	C40	JAKOBOVITS A et al., Analysis of homozygous mutant chimeric mice: deletion of the immunoglobulin heavy-chain joining region blocks B-cell development and antibody production. Proc Natl Acad Sci USA. 1993 Mar 15;90(6):2551-5.	
	C41	JAKWAY JP et al., Growth regulation of the B lymphoma cell line WEHI-231 by anti- immunoglobulin, lipopolysaccharide, and other bacterial products. <i>J Immunol</i> . 1986 Oct 1;137(7):2225-31.	
	C42	JAROSZEWSKI JW et al., Cellular uptake of antisense oligodeoxynucleotides. <i>Adv Drug Del Rev</i> 1991;6(3):235-50.	
	C43	KATAOKA T et al., Antitumor activity of synthetic oligonucleotides with sequences from cDNA encoding proteins of Mycobacterium bovis BCG. <i>Jpn J Cancer Res.</i> 1992 Mar;83(3):244-7.	
	C44	KATAOKA T et al., Immunotherapeutic potential in guinea-pig tumor model of deoxyribonucleic acid from Mycobacterium bovis BCG complexed with poly-L-lysine and carboxymethylcellulose. <i>Jpn J Med Sci Biol.</i> 1990 Oct;43(5):171-82.	
	C45	KIMURA Y et al., Binding of oligoguanylate to scavenger receptors is required for oligonucleotides to augment NK cell activity and induce IFN. <i>J Biochem (Tokyo)</i> . 1994 Nov;116(5):991-4.	
	C46	KLINMAN DM et al., Contribution of CpG motifs to the immunogenicity of DNA vaccines. J Immunol. 1997 Apr 15;158(8):3635-9.	
	C47	KLINMAN DM et al., Immune recognition of foreign DNA: a cure for bioterrorism? <i>Immunity</i> . 1999 Aug;11(2):123-9.	
	C48	KRIEG AM et al., A role for endogenous retroviral sequences in the regulation of lymphocyte activation. <i>J Immunol</i> . 1989 Oct 15;143(8):2448-51.	
	C49	KRIEG AM et al., CpG motifs in bacterial DNA trigger direct B-cell activation. <i>Nature</i> . 1995 Apr 6;374(6522):546-9.	
2)	C50	KRIEG AM et al., Leukocyte stimulation by oligodeoxynucleotides. In: Applied Antisense Oligonucleotide Technology, Stein CA and Krieg AM, eds., New York: Wiley-Liss, 1998; pp. 431- 438.	

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE	FILING DATE: June 22,2001	
STATEMENT BY APPLICANT STATEMENT BY APPLICANT STATEMENT BY APPLICANT STATEMENT BY REPORT OF THE STATEMENT BY REPORT OF THE STATEMENT BY APPLICANT STATEMENT BY REPORT OF THE STATEMENT	APPLICANT: Weiner et al.	
Sheet 5 of	GROUP ART UNIT: 1645	EXAMINER: unknown

	C51 C52 C53 C54 C55 C56	KRIEG AM et al., Mechanism of action of CpG DNA. Curr Top Microbiol Immunol. 2000;247:1-21. KRIEG AM et al., Mechanisms and therapeutic applications of immune stimulatory CpG DNA. Pharmacol Ther. 1999 Nov;84(2):113-20. KRIEG AM et al., Modification of antisense phosphodiester oligodeoxynucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy. Proc Natl Acad Sci US A. 1993 Feb 1;90(3):1048-52. KRIEG AM et al., Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs. Antisense Nucleic Acid Drug Dev. 1996 Summer;6(2):133-9. KRIEG AM et al., Phosphorothioate oligodeoxynucleotides: antisense or anti-protein? Antisense Res Dev. 1995 Winter;5(4):241. KRIEG AM et al., The role of CpG dinucleotides in DNA vaccines. Trends Microbiol. 1998	
	C52 C53 C54	KRIEG AM et al., Mechanisms and therapeutic applications of immune stimulatory CpG DNA. Pharmacol Ther. 1999 Nov;84(2):113-20. KRIEG AM et al., Modification of antisense phosphodiester oligodeoxynucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy. Proc Natl Acad Sci US A. 1993 Feb 1;90(3):1048-52. KRIEG AM et al., Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs. Antisense Nucleic Acid Drug Dev. 1996 Summer;6(2):133-9. KRIEG AM et al., Phosphorothioate oligodeoxynucleotides: antisense or anti-protein? Antisense Res Dev. 1995 Winter;5(4):241.	
	C53 C54 C55	Pharmacol Ther. 1999 Nov;84(2):113-20. KRIEG AM et al., Modification of antisense phosphodiester oligodeoxynucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy. Proc Natl Acad Sci U S A. 1993 Feb 1;90(3):1048-52. KRIEG AM et al., Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs. Antisense Nucleic Acid Drug Dev. 1996 Summer;6(2):133-9. KRIEG AM et al., Phosphorothioate oligodeoxynucleotides: antisense or anti-protein? Antisense Res Dev. 1995 Winter;5(4):241.	
	C54	KRIEG AM et al., Modification of antisense phosphodiester oligodeoxynucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy. <i>Proc Natl Acad Sci U S A</i> . 1993 Feb 1;90(3):1048-52. KRIEG AM et al., Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs. <i>Antisense Nucleic Acid Drug Dev</i> . 1996 Summer;6(2):133-9. KRIEG AM et al., Phosphorothioate oligodeoxynucleotides: antisense or anti-protein? <i>Antisense Res Dev</i> . 1995 Winter;5(4):241.	
	C55	stimulation by CpG motifs. Antisense Nucleic Acid Drug Dev. 1996 Summer;6(2):133-9. KRIEG AM et al., Phosphorothioate oligodeoxynucleotides: antisense or anti-protein? Antisense Res Dev. 1995 Winter;5(4):241.	
		Dev. 1995 Winter;5(4):241.	
	C56	KRIEG AM et al., The role of CpG dinucleotides in DNA vaccines. Trends Microbiol, 1998	1
		Jan;6(1):23-7.	
	C57	KRIEG AM et al., Uptake of oligodeoxyribonucleotides by lymphoid cells is heterogeneous and inducible. <i>Antisense Res Dev.</i> 1991 Summer;1(2):161-71.	
	C58	KRIEG AM, An innate immune defense mechanism based on the recognition of CpG motifs in microbial DNA. <i>J Lab Clin Med.</i> 1996 Aug;128(2):128-33.	
	C59	KRIEG AM, CpG DNA: a pathogenic factor in systemic lupus erythematosus? <i>J Clin Immunol</i> . 1995 Nov;15(6):284-92.	<u> </u>
	C60	KRIEGER M et al., Structures and functions of multiligand lipoprotein receptors: macrophage scavenger receptors and LDL receptor-related protein (LRP). <i>Annu Rev Biochem</i> . 1994;63:601-37.	
	C61	KURAMOTO E et al., Oligonucleotide sequences required for natural killer cell activation. Jpn J Cancer Res. 1992 Nov;83(11):1128-31.	
	C62	LAGNEAUX L et al., Chronic lymphocytic leukemic B cells but not normal B cells are rescued from apoptosis by contact with normal bone marrow stromal cells. <i>Blood</i> . 1998 Apr 1;91(7):2387-96.	
	C63	LIPFORD GB et al., Bacterial DNA as immune cell activator. <i>Trends Microbiol</i> . 1998 Dec;6(12):496-500.	
	C64	LIPFORD GB et al., CpG-containing synthetic oligonucleotides promote B and cytotoxic T cell responses to protein antigen: a new class of vaccine adjuvants. Eur J Immunol. 1997 Sep;27(9):2340-	
	C65	LIPFORD GB et al., Immunostimulatory DNA: sequence-dependent production of potentially harmful or useful cytokines. Eur J Immunol. 1997 Dec;27(12):3420-6.	
	C66	LYONS AB et al., Determination of lymphocyte division by flow cytometry. <i>J Immunol Methods</i> . 1994 May 2;171(1):131-7.	
	C67	MACAYA RF et al., Thrombin-binding DNA aptamer forms a unimolecular quadruplex structure in solution. <i>Proc Natl Acad Sci USA</i> . 1993 Apr 15;90(8):3745-9.	
	C68	MACFARLANE DE et al., Antagonism of immunostimulatory CpG-oligodeoxynucleotides by quinacrine, chloroquine, and structurally related compounds. <i>J Immunol</i> . 1998 Feb 1;160(3):1122-31.	
	C69	MANZEL L et al., CpG-oligodeoxynucleotide-resistant variant of WEHI 231 cells. <i>J Leukoc Biol</i> . 1999 Nov;66(5):817-21.	
	C70	MASTRANGELO MJ et al., Gene therapy for human cancer: an essay for clinicians. Semin Oncol. 1996 Feb;23(1):4-21.	
	C71	MATSON S et al., Nonspecific suppression of [3H]thymidine incorporation by "control" oligonucleotides. Antisense Res Dev. 1992 Winter;2(4):325-30.	
	, C72	McINTYRE KW et al., A sense phosphorothioate oligonucleotide directed to the initiation codon of transcription factor NF-kappa B p65 causes sequence-specific immune stimulation. <i>Antisense Res Dev.</i> 1993 Winter;3(4):309-22.	
ΔX	C73	MESSINA JP et al., Stimulation of in vitro murine lymphocyte proliferation by bacterial DNA. <i>J Immunol.</i> 1991 Sep 15;147(6):1759-64.	

5 De 12/27/00

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: June 22,2001	
STATEMENT BY APPLICANT STREET STREET	APPLICANT: Weiner et al.	
Sheet 6 of St.	GROUP ART UNIT: 1645	EXAMINER: unknown

	<u> </u>	RADENAR	
		MESSINA JP et al., The influence of DNA structure on the in vitro stimulation of murine	
(W.	C74	lymphocytes by natural and synthetic polynucleotide antigens. Cell Immunol. 1993 Mar;147(1):148-	
7/		57.	
1		MOJCIK CF et al., Administration of a phosphorothioate oligonucleotide antisense to murine	
	C75	endogenous retroviral MCF env causes immune effects in vivo in a sequence-specific manner. Clin	
		Immunol Immunopathol. 1993 May;67(2):130-6.	
	C76	MOLDOVEANU Z et al., CpG DNA, a novel immune enhancer for systemic and mucosal	
		immunization with influenza virus. Vaccine. 1998 Jul;16(11-12):1216-24.	
	C77	MOTTRAM JC et al., A novel CDC2-related protein kinase from Leishmania mexicana, LmmCRK1,	
	(1)	is post-translationally regulated during the life cycle. J Biol Chem. 1993 Oct 5;268(28):21044-52.	
	C78	NYCE JW et al., DNA antisense therapy for asthma in an animal model. Nature. 1997 Feb	
		20;385(6618):721-5.	
		PACA-UCCARALERTKUN S et al., In vitro selection of DNA elements highly responsive to the	
	C79	human T-cell lymphotropic virus type I transcriptional activator, Tax. Mol Cell Biol. 1994	
		Jan;14(1):456-62.	
	C80	PISETSKY DS et al., Stimulation of in vitro proliferation of murine lymphocytes by synthetic	
	C80	oligodeoxynucleotides. Mol Biol Rep. 1993 Oct;18(3):217-21.	
	C01	PISETSKY DS et al., Stimulation of murine lymphocyte proliferation by a phosphorothioate	
	C81	oligonucleotide with antisense activity for herpes simplex virus. Life Sci. 1994;54(2):101-7.	
		PISETSKY DS et al. The influence of base sequence on the immunological properties of defined	
	C82	oligonucleotides. Immunopharmacology. 1998 Nov;40(3):199-208.	
		PISETSKY DS, Immunologic consequences of nucleic acid therapy. Antisense Res Dev. 1995	
440	C83	Fall;5(3):219-25.	
	004	DIGETTOWN DO THE STATE OF THE S	
	C84	PISETSKY DS, The immunologic properties of DNA. <i>J Immunol</i> . 1996 Jan 15;156(2):421-3.	
		RAZ E et al., Preferential induction of a Th1 immune response and inhibition of specific IgE	
	C85	antibody formation by plasmid DNA immunization. Proc Natl Acad Sci USA. 1996 May	
		14;93(10):5141-5.	
	C0(ROMAN M et al., Immunostimulatory DNA sequences function as T helper-1-promoting adjuvants.	
1	C86	Nat Med. 1997 Aug;3(8):849-54.	
		SATO Y et al., Immunostimulatory DNA sequences necessary for effective intradermal gene	
- 1	C87	immunization. Science. 1996 Jul 19;273(5273):352-4.	
		SCHNELL N et al., Identification and characterization of a Saccharomyces cerevisiae gene (PAR1)	
	C88	conferring resistance to iron chelators. Eur J Biochem. 1991 Sep 1;200(2):487-93.	
		SHAN D et al., Apoptosis of malignant human B cells by ligation of CD20 with monoclonal	
	C89	antibodies. <i>Blood</i> . 1998 Mar 1;91(5):1644-52.	
		SHIRAKAWA T et al., The inverse association between tuberculin responses and atopic disorder.	
	C90	Science. 1997 Jan 3;275(5296):77-9.	
		SPARWASSER T et al., Bacterial DNA and immunostimulatory CpG oligonucleotides trigger	
	C91	maturation and activation of murine dendritic cells. Eur J Immunol. 1998 Jun;28(6):2045-54.	
		SPARWASSER T et al., Macrophages sense pathogens via DNA motifs: induction of tumor necrosis	
	C92	factor-alpha-mediated shock. Eur J Immunol. 1997 Jul;27(7):1671-9.	
		STEC WJ et al., Diastereomers of nucleoside 3'-O-(2-thio-1,3,2-oxa(selena)phospholanes): building	
1	C93	blocks for stereocontrolled synthesis of oligo(nucleoside phosphorothioate)s. J Am Chem Soc. 1995	
		Dec 13;117(49):12019-29.	
		STEIN CA et al., Oligodeoxynucleotides as inhibitors of gene expression: a review. Cancer Res.	
	C94	1988 May 15;48(10):2659-68.	
—— — —————————————————————————————————	/ 		
C/	C95	STULL RA et al., Antigene, ribozyme and aptamer nucleic acid drugs: progress and prospects. Pharm Res. 1995 Apr;12(4):465-83.	
		1 marm Nes. 1995 Apr, 12(4).405-05.	

De El 12/20/02

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSURE	FILING DATE: June 22,2001	•
STATEMENT BY APPLICANT	APPLICANT: Weiner et al.	
Sheet 7 of 8	GROUP ART UNIT: 1645	EXAMINER: unknown

	1	SUBRAMANIAN PS et al., Theoretical considerations on the "spine of hydration" in the minor		
1 (la	C96			
		Natl Acad Sci U S A. 1988 Mar;85(6):1836-40.		
//		SUN S et al., Mitogenicity of DNA from different organisms for murine B cells. <i>J Immunol</i> . 1997	$\overline{}$	
'\	C97	Oct 1;159(7):3119-25.		
		TANAKA T et al., An antisense oligonucleotide complementary to a sequence in I gamma 2b		
	C98	increases gamma 2b germline transcripts, stimulates B cell DNA synthesis, and inhibits		
		immunoglobulin secretion. J Exp Med. 1992 Feb 1;175(2):597-607.		
		THREADGILL DS et al., Mitogenic synthetic polynucleotides suppress the antibody response to a		
1	C99	bacterial polysaccharide. <i>Vaccine</i> . 1998 Jan;16(1):76-82.		
	<u> </u>	TSUKADA J et al., Transcription factors NF-IL6 and CREB recognize a common essential site in the		
l l	C100	human prointerleukin 1 beta gene. <i>Mol Cell Biol</i> . 1994 Nov;14(11):7285-97.		
		TUTT AL et al., Monoclonal antibody therapy of B cell lymphoma: signaling activity on tumor cells		
1	C101	appears more important than recruitment of effectors. <i>J Immunol</i> . 1998 Sep 15;161(6):3176-85.		
			101	, j
	C102	UHLMANN E et al., Antisense oligonucleotides: a new therapeutic principle. Chem Rev. 1990 Jun; 90(4):543-84.		
	C103	WAGNER RW, Gene inhibition using antisense oligodeoxynucleotides. <i>Nature</i> . 1994 Nov		
		24;372(6504):333-5.		
	C104	WALLACE RB et al., Oligonucleotide probes for the screening of recombinant DNA libraries.		
		Methods Enzymol. 1987;152:432-42.		
	C105	WEINER GJ et al., Immunostimulatory oligodeoxynucleotides containing the CpG motif are		
	C105	effective as immune adjuvants in tumor antigen immunization. <i>Proc Natl Acad Sci USA</i> . 1997 Sep		
		30;94(20):10833-7.		
	C106	WOOLDRIDGE JE et al., Immunostimulatory oligodeoxynucleotides containing CpG motifs		
{	C106	enhance the efficacy of monoclonal antibody therapy of lymphoma. <i>Blood</i> . 1997 Apr 15;89(8):2994-		
		WU GY et al., Receptor-mediated gene delivery and expression in vivo. <i>J Biol Chem.</i> 1988 Oct		
	C107	15;263(29):14621-4.		
		WU-PONG S, Oligonucleotides: opportunities for drug therapy and research. <i>Pharm Technol</i> . 1994		
	C108	Oct;18:102-14.	9	
		WYATT JR et al., Combinatorially selected guanosine-quartet structure is a potent inhibitor of		
	C109	human immunodeficiency virus envelope-mediated cell fusion. <i>Proc Natl Acad Sci USA</i> . 1994 Feb		
	C109	15;91(4):1356-60.		
	141	YAMAMOTO S et al., Mode of action of oligonucleotide fraction extracted from Mycobacterium		
	C110	bovis BCG. Kekkaku 1994;69(9):29-32.		
	-	YAMAMOTO T et al., Lipofection of synthetic oligodeoxyribonucleotide having a palindromic		
	C111	sequence of AACGTT to murine splenocytes enhances interferon production and natural killer		
		activity. Microbiol Immunol. 1994;38(10):831-6.		
		YAMAMOTO T et al., Synthetic oligonucleotides with certain palindromes stimulate interferon		
	C112			
1		9.		
	 	YI AK et al., IFN-gamma promotes IL-6 and IgM secretion in response to CpG motifs in bacterial		
	C113	DNA and oligodeoxynucleotides. <i>J Immunol</i> . 1996 Jan 15;156(2):558-64.		
		ZHAO Q et al., Comparison of cellular binding and uptake of antisense phosphodiester,		
	C114	phosphorothioate, and mixed phosphorothioate and methylphosphonate oligonucleotides. <i>Antisense</i>		
		Res Dev. 1993 Spring;3(1):53-66.		
7		ZHAO Q et al., Stage-specific oligonucleotide uptake in murine bone marrow B-cell precursors.		
	C115	Blood. 1994 Dec 1;84(11):3660-6.		}
	1	TOKUNAGA T et al., Synthetic oligonucleotides with particular base sequences from the cDNA		\dashv
/	C116	encoding proteins of Mycobacterium bovis BCG induce interferons and activate natural killer cells.		1
-		Microbiol Immunol. 1992;36(1):55-66.		
	1			

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: 09/888,326	ATTY. DOCKET NO.: C1039/7052
INFORMATION DISCLOSSEES STATEMENT BY APPLICANT	FILING DATE: June 22,2001	
/	APPLICANT: Weiner et al.	
Sheet 8 of &	GROUP ART UNIT: 1645	EXAMINER: unknown

			TOKUNAGA T et an F synthetic single-stranded DNA, poly(dG,dC), induces interferon-alpha/beta	
$ (\)$		C117	and -gamma, augments natural killer activity, and suppresses tumor growth. Jpn J Cancer Res. 1988	
-	<u> </u>		Jun;79(6):682-6.	-
			YAMAMOTO T et al., Ability of oligonucleotides with certain palindromes to induce interferon	
		C118	production and augment natural killer cell activity is associated with their base length. Antisense Res	
			Dev. 1994 Summer;4(2):119-22.	
		C119	YAMAMOTO S et al., DNA from bacteria, but not from vertebrates, induces interferons, activates	
		C119	natural killer cells and inhibits tumor growth. Microbiol Immunol. 1992;36(9):983-97.	
			YAMAMOTO S et al., In vitro augmentation of natural killer cell activity and production of	
	4	C120	interferon-alpha/beta and -gamma with deoxyribonucleic acid fraction from Mycobacterium bovis	•
			BCG. Jpn J Cancer Res. 1988 Jul;79(7):866-73.	
			YAMAMOTO S et al., Unique palindromic sequences in synthetic oligonucleotides are required to	
1		C121	induce IFN and augment IFN-mediated natural killer activity. J Immunol. 1992 Jun 15;148(12):4072-	
			6.	
V	- 10	- Y		

|--|

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _______, filed ______, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

#13/I.D.S.

·						<u> </u>		
FORM PTO-	1449/A a	nd B (Modifi	ied)		APPLICATION NO.: 09/888,326	ATTY.	DOCKET NO.: C010	39.70052.US
	and the same of th		SCLOSURE		FILING DATE: June 22,2001			
STA	EEME	MCFBA V	APPLICANT	'	APPLICANT: Weiner et al.			
/0		Mar 2			GROUP ART UNIT: 1635	EXAM	NER: Angell	
Sheet	BCJ F	C obf	1					
W.	N 2 TF	BADEMAS U			S. PATENT DOCUMENTS		T	
Examiner's Initials#	Cite No.		S. Patent Docum	Kind Code	2004	Cited	Date of Publication of Cited Do MM-DD-Y	cument
	_			FORE	EIGN PATENT DOCUMENTS			
Examiner's	Cite		eign Patent Docu		Name of Patentee or Applicant of Document	Cited	Date of Publication of	Translation
Initials#	No.	Office/ Country	Number	Kind Code	(204 200000000)		Cited Document MM-DD-YYYY	(Y/N)
			· · · · · · · · · · · · · · · · · · ·					
	<u> </u>	·					<u> </u>	
			OTHER A	ART — NO	ON PATENT LITERATURE DOCUMEN	its		
Examiner's Initials#	Cite No	1	ook, magazine, j	ournal, se	PITAL LETTERS) title of the article (who rial, symposium, catalog, etc.), date, relevablisher, city and/or country where publisher.	ant page(Translation (Y/N)
9	C157				A increases primary malignant B cell exukoc Biol. 2001 Jan;69(1):81-8.	xpression	of costimulatory	
Mo	C158	KRIEG A	M et al., Applic	ations of	immune stimulatory CpG DNA for antige;35 Supp 5:S10.	gen-spec	ific	
9	C159		N TL et al., CpG a. Clin Lymphon	_	xynucleotides enhance monoclonal anti Jun;1(1):57-61.	body the	rapy of a murine	
							RECE	IVED
c						,	007.9	0 2002
							UC1 3	0 2002
							TECH CENT	ER 1600/290
EXAMINER			Λ		/ DATE CONSIDERED			
A			1		12/24/02			
			ered, whether or not nunication to applica		conformance with MPEP 609; Draw line through	n citation if	not in conformance and	not considered.
*a copy of this re	ference is:	not provided a	s it was previously	cited by or s	ubmitted to the office in a prior application, Seria ontinuation-in-part, and divisional applications).	l No	, filed	, and
-		J	,		mation listed, even if it was previously submitte	ed to, or ci	ted by, the U.S. Patent	Office in an

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



HU/I.D.S.

		1-	KIN 7 2 SOUS	.9/					
FORM PTO-			\' <i>A</i>	NO.	ATION NO.: 09/888,326	ATTY. DOC	KET NO.: C01039.	70052.U	S
INFOR	MATI	ON DIS	CL STUBLE	FILING	DATE: June 22, 2001	CONFIRMA	TION NO.: 7237		
STATE	CMEN'	T BY AP	PLICANT	APPLICA	ANT: Weiner and Hartma	nn	-	· · ·	
Sheet	1	of	1	GROUP	ART UNIT: 1635	EXAMINER	: Jon E. Angell	_	
				U.S.	PATENT DOCUMENTS			_	
Examiner's	Cite	Ţ	J.S. Patent Docur		Name of Patentee or Applican	nt of Cited	Date of Publication	on or of is:	sue
Initials	No.		Number	Kind Code	Document		of Cited Document MM-DD-YYYY		
	<u> </u>								
			<u> </u>				. ,		
							· · · · · · · · · · · · · · · · · · ·	····	
							#F18F#7		
				FOREIG	ON PATENT DOCUMENTS				
Evaminer's	Cite	Foi	reign Patent Docu		Name of Patentee or Applican	nt of Cited	Date of	Transl	ation
Examiner's Initials	Cite No.	For Office/ Country	reign Patent Docu Number			nt of Cited	Date of Publication of Cited Document MM-DD-YYYY	Transla (Y/I	
	1	Office/	T "	iment Kind	Name of Patentee or Applican Document	nt of Cited	Publication of Cited Document		
	No.	Office/ Country	Number	Iment Kind Code	Name of Patentee or Applican Document (not necessary)	nt of Cited	Publication of Cited Document MM-DD-YYYY		
	No. B32	Office/ Country WO	Number 01/95935	Kind Code A1	Name of Patentee or Applican Document (not necessary) PCT	nt of Cited	Publication of Cited Document MM-DD-YYYY		
	No. B32	Office/ Country WO	Number 01/95935 01/22972	Kind Code A1 A2	Name of Patentee or Applican Document (not necessary) PCT PCT		Publication of Cited Document MM-DD-YYYY		
	No. B32	Office/ Country WO WO	Number 01/95935 01/22972 OTHER name of the author	Kind Code A1 A2 ART — NON or (in CAPITA , serial, sympo	Name of Patentee or Applican Document (not necessary) PCT	MENTS nen appropriate age(s), volume-	Publication of Cited Document MM-DD-YYYY 12-20-2001 04-05-2001), title of the item		tion
Initials Examiner's	No. B32 B33 Cite	Office/ Country WO WO	Number 01/95935 01/22972 OTHER name of the author	Kind Code A1 A2 ART — NON or (in CAPITA , serial, sympo	Name of Patentee or Applicant Document (not necessary) PCT PCT PATENT LITERATURE DOCUMENT LITERATURE DOCUMENT LITERATURE (who sium, catalog, etc.), date, relevant p	MENTS nen appropriate age(s), volume-	Publication of Cited Document MM-DD-YYYY 12-20-2001 04-05-2001), title of the item	(Y/I	tion
Initials Examiner's	No. B32 B33 Cite	Office/ Country WO WO	Number 01/95935 01/22972 OTHER name of the author	Kind Code A1 A2 ART — NON or (in CAPITA , serial, sympo	Name of Patentee or Applicant Document (not necessary) PCT PCT PATENT LITERATURE DOCUMENT LITERATURE DOCUMENT LITERATURE (who sium, catalog, etc.), date, relevant p	MENTS nen appropriate age(s), volume-	Publication of Cited Document MM-DD-YYYY 12-20-2001 04-05-2001), title of the item	(Y/I	tion
Initials Examiner's	No. B32 B33 Cite	Office/ Country WO WO	Number 01/95935 01/22972 OTHER name of the author	Kind Code A1 A2 ART — NON or (in CAPITA , serial, sympo	Name of Patentee or Applicant Document (not necessary) PCT PCT PATENT LITERATURE DOCUMENT LITERATURE DOCUMENT LITERATURE (who sium, catalog, etc.), date, relevant p	MENTS nen appropriate age(s), volume-	Publication of Cited Document MM-DD-YYYY 12-20-2001 04-05-2001), title of the item	(Y/I	tion
Initials Examiner's	No. B32 B33 Cite	Office/ Country WO WO	Number 01/95935 01/22972 OTHER name of the author	Kind Code A1 A2 ART — NON or (in CAPITA , serial, sympo	Name of Patentee or Applicant Document (not necessary) PCT PCT PATENT LITERATURE DOCUMENT LITERATURE DOCUMENT LITERATURE (who sium, catalog, etc.), date, relevant p	MENTS nen appropriate age(s), volume-	Publication of Cited Document MM-DD-YYYY 12-20-2001 04-05-2001), title of the item	(Y/I	tion
Initials Examiner's	No. B32 B33 Cite	Office/ Country WO WO	Number 01/95935 01/22972 OTHER name of the author	Kind Code A1 A2 ART — NON or (in CAPITA , serial, sympo	Name of Patentee or Applicant Document (not necessary) PCT PCT PATENT LITERATURE DOCUMENT LITERATURE DOCUMENT LITERATURE (who sium, catalog, etc.), date, relevant p	MENTS nen appropriate age(s), volume-	Publication of Cited Document MM-DD-YYYY 12-20-2001 04-05-2001), title of the item	(Y/I	tion

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ___, filed ___, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]